

# Technical specifications

Technical data	
Power supply	100/240 V - 50/60 Hz
Rated power	30 W
External dimensions (L x H x D)	340 x 400 x 370 mm
Net weight	Thalya 12.5 kg; Thalya PLUS 14.5 kg
Detergent tank capacity (Thalya PLUS only)	0.4 litres (autonomy: up to 40 cycles)
Disinfectant tank capacity (Thalya PLUS only)	0.4 litres (autonomy: up to 40 cycles)
Lubricant capacity	200 - 500 ml can
Working pressure	Flow pressure 4–6 bar
Air consumption (MAX)	40 NI/min
Compressed air connection	6 x 4

Available adapters*	Thalya	Thalya PLUS
Adapter for Thalya micromotor handpieces	o	-
Adapter for Thalya PLUS micromotor handpieces	-	o
Adapter for Cefla turbines	o	o
Adapter for Kavo® turbines with MULTIflex® coupling**	o	o
Adapter for Sirona® turbines**	o	o
Adapter for W&H® turbines with Roto Quick coupling**	o	o
Adapter for NSK turbines with PTL-CL-LED coupling**	o	o
Adapter for Bien-Air® turbines with Unifix® coupling**	o	o
2-way Borden adapter**	o	o
Adapter for Cefla scaler	-	o
Adapter for Satelec Newtron scaler**	-	o
Adapter for Satelec Newtron LED scaler**	-	o
Adapter for EMS Piezon scaler**	-	o
Adapter for EMS Piezon LED scaler**	-	o

\* Check with the dealer for the correct adapter for other-brand handpieces. o = available  
- = unavailable

\*\* Please note that the product brands are not legally owned by Cefla or its subsidiaries and are indicated merely to provide descriptions relating to the use of the accessory product.

Note: the machine is sold without adapters.



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Due to our policy of constant technological upgrading, technical specifications may be subject to change without prior notice.  
According to the standards in force, in extra-EU areas the availability and specifications of some products and/or characteristics may vary. Please contact your local distributor for further information.



THALYA

THALYA PLUS

Maintenance plus hygiene



# The importance of handpiece and turbine maintenance. The most critical instruments in the surgery.

Crucial tools for any dentist, these instruments also represent one of the biggest cross-contamination risks. When one of these rotating devices slows down or stops, a back-siphoning effects can suck liquids inside the ducts. Hence the need to perform cleaning, disinfection, lubrication and, lastly, sterilisation every single time they're used. This procedure is also essential for maintaining instrument quality. A poorly maintained handpiece is often subject to breakdowns and accelerated wear.

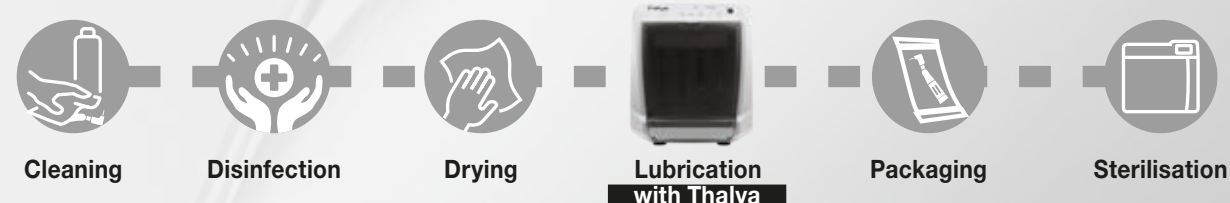
## PROPER TREATMENT PROCEDURE FOR A ROTARY INSTRUMENT

### MANUAL PROTOCOL

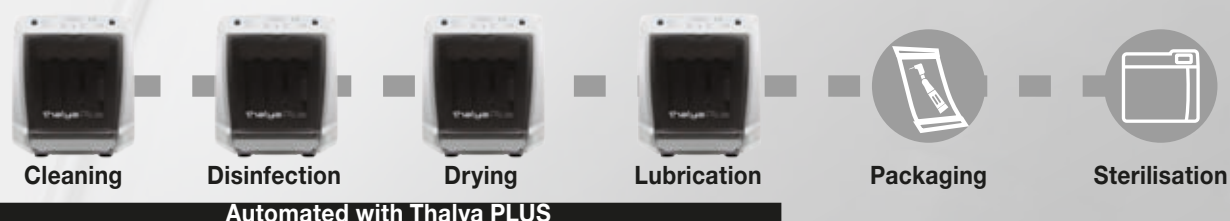


Each stage is crucial. The protocol is always the same but can be performed in different ways:

### SEMI-AUTOMATIC PROTOCOL



### AUTOMATIC PROTOCOL\*



An automatic protocol saves time, improves worker safety and ensures consistent results.

\* To obtain the best results it is necessary to proceed with external (manual) treatment as per the manufacturer's instructions before inserting the instrument in Thalya PLUS.



### Up to 4 instruments simultaneously

Thalya & Thalya PLUS can be used to treat up to 4 instruments simultaneously:

- Duct Turbines
- Micromotor handpieces
- Scalers (Thalya PLUS only)

To carry out treatment just use the dedicated adapter. Thalya and Thalya PLUS have been designed to streamline work flows. The couplings can rotate 45°, making it easier to place and remove the instruments.



### Cleaning the spindle

Thanks to a special support, the spindle can also be treated; this ensures all dust and dirt residues are removed from the handpiece tip.



### Device hygiene

Innovative design and the characteristics of the treatment compartment ensure complete, perfect sanitization. The front hatch and the liquid collection tray can be removed to allow thorough machine cleaning.



### Connectivity

Thalya and Thalya PLUS are WiFi-equipped, with Internet connection letting users take full advantage of Easy Check remote assistance.



# Thalya. Simple maintenance

Thalya is the dentist's latest ally for effective maintenance of rotary instruments. Simple and user-friendly, it allows perfect lubrication and purge maintenance of turbines and handpieces. To start using the machine just connect to the compressed air feed and the power supply.



### SEMI-AUTOMATIC PROTOCOL



Cleaning



Disinfection



Drying



Lubrication  
with Thalya



Packaging



Sterilisation



### Lubrication and purge of 4 instruments in less than a minute

The Thalya cycle consists of three stages:

- Duct purge
- Lubrication
- Excess oil purge

The 4 instruments are treated simultaneously, the entire cycle lasting about 55 seconds.



### Universal lubricant housing

Thalya is designed to house any lubricant can (from 200 to 500 ml). Operators are free to choose the most suitable one for their handpieces. Maximum flexibility ensures optimal results in every situation.



### Simple, user-friendly control pad

The Thalya control pad makes interaction with the machine immediate and intuitive. Moreover, users can personalise the duration of the different cycle stages.



### Plug & Play

To start using the machine immediately just connect it to the compressed air feed and the power supply, then insert the lubricant can.

# Thalya PLUS. Total maintenance

Thalya PLUS is designed to automate rotary instrument maintenance.  
An all-in-one cycle includes cleaning, disinfection, lubrication, purge and drying.



## AUTOMATIC PROTOCOL\*



\* To obtain the best results it is necessary to proceed with external (manual) treatment as per the manufacturer's instructions before inserting the instrument in Thalya PLUS.



## Complete 4-instrument cycle in 12 minutes

The complete Thalya PLUS cycle consists of 6 stages:

- Duct purge
- Internal cleaning
- Internal and external disinfection
- Lubrication
- Excess oil purge
- Drying

The 4 instruments are treated simultaneously and the entire cycle lasts about 12 minutes.



## Cycle traceability

Thanks to the USB port at the rear of the machine, users can download machine cycle reports. An indispensable tool for correct reconditioning process traceability.



## ThalyC & ThalyD

Two products designed to maximise Thalya PLUS performance. ThalyC is a universal detergent that ensures perfect instrument cleaning. ThalyD is a disinfectant that ensures thorough internal and external disinfection of handpieces and turbines.



## Handpiece rotation

Using the specific adapter, micromotor handpieces can be placed in rotation during treatment so the detergent, disinfectant and lubricant reach every corner of the instrument.